UNITED STATES SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, DC 20549

FORM 8-K

CURRENT REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

Date of Report (Date of earliest event reported): May 5, 2016



TerraForm Power, Inc.

(Exact name of registrant as specified in its charter)

Delaware 001-36542 46-4780940

(State or other jurisdiction of incorporation or organization)

(Commission File Number)

(I. R. S. Employer Identification No.)

7550 Wisconsin Avenue, 9th Floor, Bethesda, Maryland 20814

(Address of principal executive offices, including zip code)

(240) 762-7700

(Registrant's telephone number, including area code)

N/A

(Former name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provision (see General Instruction A.2 below):

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- o Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- o Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- o Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 7.01 Regulation FD Disclosure.

TerraForm Power, Inc. (the "Company") periodically meets or otherwise communicates with various stakeholders in the bankruptcy of SunEdison, Inc. and certain of its domestic and international subsidiaries (the "SunEdison Bankruptcy"). On May 5, 2016, the Company posted presentation materials to the Investors section of its website at www.terraform.com. The presentation materials contain an overview of the Company's contingency planning and other matters related to the SunEdison Bankruptcy that may be used in connection with such meetings or communications.

In accordance with General Instruction B.2 of Form 8-K, the information contained in Item 7.01 of this Current Report on Form 8-K shall not be deemed "filed" for the purposes of Section 18 of the Securities Exchange Act of 1934, as amended, or otherwise subject to the liabilities of that Section. The information in Item 7.01 of this Current Report on Form 8-K shall not be incorporated by reference into any filing or other document pursuant to the Securities Act of 1933, as amended, except as shall be expressly set forth by specific reference in such filing or document.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

TERRAFORM POWER, INC.

Date: May 5, 2016 By: /s/ Sebastian Deschler

Name: Sebastian Deschler

Title: Senior Vice President, General Counsel and Secretary